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A linha epifisária e sua importância em cirurgia (The Epiphyseal Line and Its Importance in Surgery). Bruno Valentin. *Revista Brasileira de Cir., Setembro 1941* 501
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Anthropometry and Arthritis. I. Differences between Rheumatoid and Degenerative Joint Disease: Males. II. Differences between Rheumatoid and Degenerative Joint Disease: Females. Carl C. Seltzer. *Medicine, XXII, 163 and 189, 1943* 960
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Artrodesis de la articulación tibio-astragalina (Tibio-Astragalar Arthrodesis). Cayetano J. J. Infante. *Anales de Cir., VIII, 67, 1942* 226
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Blood Flow in Extremities Affected by Anterior Poliomyelitis. P. I. Abramson, K. Flachs, J. Freiberg, and I. A. Mirsky. *Arch. Int. Med., LXXI, 391, 1943* 717
Blue Scleras, Brittle Bones and Deafness: A Report of an Afflicted Family. Jason E. Farber and Aaron E. Margulis. *Arch. Int. Med., LXXI, 658, 1943* 945

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Case of Adamantinoma of the Femur, A. A. Lincoln Bell. *British J. Surg., XXX, 81, 1942* 229
Case Records of the Massachusetts General Hospital (Case 29251). *New England J. Med., CCXXVIII, 831, 1943* 961
Characteristic Bone and Joint Changes in Compressed-Air Workers: A Survey of Symptomless Cases. A. L. L. Bell, George N. Edson, and Newton Hornick. *Radiology, XXXVIII, 698, 1942* 239
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Congenital Dislocation of the Head of the Radius. James R. A. White. *British J. Surg., XXX, 377, 1943* 953
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Congenital Narrowing of the Lumbosacral Space. Theodore H. Vinke and Edgar H. White. *Surg. Gynec. Obstet., LXXVI, 551, 1943* 730
Continuous Caudal Analgesia in Surgery. James L. Southworth, Waldo B. Edwards, and Robert A. Hingson. *Ann. Surg., CXVII, 321, 1943* 715
Correlation of Roentgenogram and Pathological Changes in Ossifying and Chondrifying Primary Osteogenic Neoplasms, A. J. Vernon Luck. *Radiology, XL, 253, 1943* 728
Crush Injuries and the Crush Syndrome. W. H. Bueermann. *Northwest Med., XLII, 109, 1943* 963
Decompression of Protruded Intervertebral Disks, With a Note on Spinal Exploration. Arthur Ecker. *J. Am. Med. Assn., CXXI, 401, 1943* 722
Degeneración amoiloidea y tuberculosis (Tuberculosis and Amyloid Degeneration). L. C. Topez, N. C. Calvo, J. M. Rodriguez Jimenex, y D. C. Ledon. *Revista de Tuberc., V, 102, 1941* 502
Development, Clinical Manifestations, and Treatment of Rheumatoid Arthritis of the Apophyseal Intervertebral Joints. Albert Oppenheimer. *Am. J. Roentgenol., XLIX, 49, 1943* 497
Development of the Human Knee Joint. Leo J. McDermott. *Arch. Surg., XLVI, 705, 1943* 948
Diagnosis and Treatment of the Ligaments of the Knee Joint in Ligamentous Injuries to the Knee Joint. Sophus von Rosen. *Acta Orthop. Scandinavica, XII, No. 1-4, 1941* 495
Diagnosis of Posterior Protrusion of the Intervertebral Disc, The. With Special Reference to (1) Its Differentiation from Certain Degenerative Lesions of the Disc and Its Related Structures and (2) the Interpretation of Contrast Myelography. Thomas Horwitz. *Am. J. Roentgenol., XLIX, 199, 1943* 714
Dislocation of the Carpal Scaphoid Reduced by Open Operation. G. B. Woodd Walker. *British J. Surg., XXX, 380, 1943* 953
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Effect of Massive Doses of Vitamin D on Calcium and Phosphorus Metabolism: Observations on Patients with Atrophic Spondylitis and with Degenerative Arthritis of the Spine. K. P. Klassen and G. M. Curtis. *Arch. Int. Med., LXXI, 78, 1943* .. 716
Effect of Roentgen Irradiation on Epiphyseal Growth, The. I. Experimental Studies upon the Albino Rat. Joseph S. Barr, James R. Lingley, and Edward A. Gall. *Am. J. Roentgenol., XLIX, 104, 1943* 713
Effect of Sulphonamide Preparations on Experimental Infected Wounds. Frank Hawking. *Lancet, II, 507, 1942* 500
Effects of Stretching Nerves after Suture, The. W. B. Highet and F. K. Sanders. *British J. Surg., XXX, 355, 1943* 953

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Gas Gangrene: Experimental Observations on the Use of the Sulfonamide Derivatives and Zinc Peroxide in Its Treatment and Prevention. Guy A. Caldwell and Frank J. Cox. *Southern Med. J., XXXV, 789, 1942* 240
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Lesions of the Supraspinatus Tendon. Degeneration, Rupture and Calcification. C. L. Wilson. *Arch. Surg., XLVI, 307, 1943* 717

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Less Common Lesions of the Astragalus. Raymond W. Lewis. *Ann. Surg., CXVI, 891, 1942* ... 944

Low Back and Sciatic Pain Caused by Intervertebral Disc Herniation. Anatomic and Clinical Investigation. Sten Friberg. *Acta Chir. Scandinavica, LXXXV, Supplementum 64, 1941* ... 225

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Luxación expuesta de la articulación tibiotarsiana (Compound Dislocation of the Ankle Joint). Bernardo Dell'Oro y Nalla Salim. *Bol. de Soc. de Cir. de Rosario, IX, 144, 1942* ... 498

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Luxación traumática de la cadera en el niño (Traumatic Dislocation of the Hip in Children). León Velasco Blanco y Eduardo Marcelo Echegaray. *Revista de Med. y Ciencias Afines, IV, 678, 1942* ... 501

Malignant Teratoma of the Arm. Case Report. C. J. Christy. *Ann. Surg., CXVI, 948, 1942* ... 714

Management of Traumatic Injuries of the Hand. William B. Hutchinson. *Northwest Med., XLII, 134, 1943* ... 726

Manipulation in Rheumatism. Guy Beauchamp. *Med. Press and Cir., CCX, 233, 1943* ... 960

Mechanical Skeletal Fixation in War Surgery. Report of Sixty-One Cases. Charles Bradford and Philip D. Wilson. *Surg. Gynec. Obstet., LXXV, 468, 1942* ... 241

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Meningocosis del aparato locomotor (Meningocosis of the Locomotor Apparatus). Helmut W. Jaeger. *Arch. de Soc. de Cirujanos de Hosp., XII, 305, 1942* ... 949

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Method of Fixation for Fractures of the Sternum, A. L. H. McKim. *Ann. Surg., CXVIII, 158, 1943* ... 944

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Multiple Muscle Herniae. Ian D. Kitchin and David A. Richmond. *British Med. J., I 602, 1943* ... 721

Muscle Spasm in the Acute Stage of Infantile Paralysis as Indicated by Recorded Action Current Potentials. R. Plato Schwartz and Harry D. Bouman. *J. Am. Med. Assn., CXIX, 923, 1942* ... 231

Muscle Transplantation for Combined Flexion-Internal Rotation Deformity of the Thigh in Spastic Paralysis. Joseph S. Barr. *Arch. Surg., XLVI, 605, 1943* ... 719

Nerve Regeneration (Editorial). *British Med. J., I, 606, 1943* ... 954

Nerves of the Arm: Some of Their Affections; Their Diagnosis. Robert Wartenberg. *California and Western Med., LIX, 22, 1943* ... 957

New Aspects of Spinal Injuries. Arthur G. Davis. *Arch. Surg., XLVI, 619, 1943* ... 719

New Light on the Painful Shoulder. Michael Kelly. *Med. J. Australia, I, 488, 1942* ... 236

New Method in the Treatment of Tuberculous Spondylitis. Transplantation of Os Novum in Addition to Chips of Excited Tibia and Their Osteogenous Transformation, A. Svante Orell. *Acta Chir. Scandinavica, LXXXVI, Supplementum 69, 1942* ... 712

Nutritional Background of Patients with Rheumatoid Arthritis, The. Theodore B. Bayles, Hope Richardson, and Francis C. Hall. *New England J. Med., CCXXIX, 319, 1943* ... 962

Odor in the Orr Treatment of Osteomyelitis and Its Prevention by Lactose. Allan D. Wallis and Margaret J. Dilworth. *J. Am. Med. Assn., CXX, 583, 1942* ... 234

O método quimiofisioterápico nas osteomielites (On the Chemophysiotherapeutic Method in Osteomyelitis). Francisco Finocchiaro. *Anais Paulistas de Med. e Cir., XLIV, 95, 1942* ... 943

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Orthopedic Surgery between Two Wars. Chairman's Address. James A. Dickson. *J. Am. Med. Assn., CXX, 413, 1942* ... 233

Os Epipyramis or Epitriquetrum, The. R. L. de C. H. Saunders. *Anat. Record, LXXXIV, 17, 1942* ... 714

Osteochondrosis Deformans Tibiae. Nonrachitic Bow Leg in Children. C. Glenn Barber. *Am. J. Dis. Child., LXIV, 831, 1942* ... 496

Osteogenesis Imperfecta. William H. Bickel, Ralph K. Ghormley, and John D. Camp. *Radiology, XL, 145, 1943* ... 727

Osteogenesis Imperfecta. J. F. Brailsford. *British J. Radiol., XVI, 129, 1943* ... 950

Osteogenic Graft in Tuberculosis of the Hip-Joint in Childhood, The. E. D. Telford and J. E. Geddes. *British J. Surg., XXX, 189, 1943* ... 950

PAGE

Osteomielitis crónica d'emblée (Early Flare-Up of Chronic Osteomyelitis). Isidoro Pascau. *Cir. Ortop. y Traumatol., IX, 167, 1941* ... 229

Osteopetrosis (Albers-Schönberg Disease), with Case Report. Carl A. W. Zimmermann, III. *Radiology, XL, 155, 1943* ... 728

Pain in the Shoulder Girdle, Arm and Precordium Due to Foraminal Compression of Nerve Roots. Samuel S. Hanflig. *Arch. Surg., XLVI, 652, 1943* ... 720

Paratrooper Fracture. William J. Tobin. *Arch. Surg., XLVI, 780, 1943* ... 948

Peri-Articular Arthritis of the Shoulder Joint. P. S. Gupte. *Antiseptic, XL, 36, 1943.* 716

Peripheral Vasoneuropathy after Chilling. "Immersion Foot and Immersion Hand". C. C. Ungley and William Blackwood. *Lancet, II, 447, 1942* ... 236

Physical Therapy Applied at Home for Arthritis. A Follow-Up Study, with a Supplementary Summary of the Sedimentation Rate of Erythrocytes in Two Hundred and Twenty-Nine Cases of Arthritis. Jerome V. Treusch and Frank H. Krusen. *Arch. Int. Med., LXXII, 231, 1943* ... 946

Plantar Dislocation of the Fourth Metatarsal. George B. Mair. *British Med. J., II, 169, 1943* ... 955

Posterior Horn Lesions in Meniscal Injury. Donald B. Slocum and Donald E. Moore. *Surg. Gynec. Obstet., LXXVII, 87, 1943* ... 966

Principles of Exercise Therapy. Ernest A. Nicoll. *British Med. J., I, 747, 1943.* 955

Problem of Herniated Nucleus Pulposus in the Military Service. Walter G. Haynes. *War Med., III, 585, 1943* ... 967

Progress from War Surgery. Charles R. McCreery. *Northwest Med., XLII, 78, 1943* ... 725

Prone Position for Exposing the Medial Meniscus of the Knee. Lewis Cozen. *Arch. Surg., XLVI, 616, 1943* ... 719

Propamidine in Chronic Wound Sepsis. W. R. Thrower and F. C. O. Valentine. *Lancet, I, 133, 1943* ... 723

Pseudarthrosis and Neurofibromatosis. William T. Green and Nathan Rudo. *Arch. Surg., XLVI, 639, 1943* ... 720

Radiography of the Femoral Neck. F. P. Fitzgerald and K. C. Clark. *Lancet, II, 183, 1942* ... 235

Rate and Amount of Improvement in Muscle Strength Following Infantile Paralysis. Robert L. Carroll. *Physiotherapy Rev., XXII, 243, 1942* ... 237

Rehabilitation after Meniscectomy. J. J. D. Duthie and J. G. MacLeod. *Lancet, I, 197, 1943* ... 724

Rehabilitation in an E. M. S. Orthopaedic Unit. S. Alan S. Malkin and Gilbert Parker. *British Med. J., I, 315, 1943* ... 720

Rehabilitation in Wartime Britain. Edward Harlan Wilson. *Arch. Surg., XLVI, 788, 1943* ... 720

Rheumatic Fever. U. Srinivasa Rao. *Antiseptic, XXXIX, 419, 1942* ... 226

Rheumatic Fever. Veda Ratna. *Antiseptic, XXXIX, 412, 1942* ... 226

Roentgen Sign of Early Suppurative Arthritis of the Hip in Infancy. L. K. Chont. *Radiology, XXXVIII, 708, 1942* ... 240

Rupture of Cold Abscesses into the Lungs and Pleurae. Oscar Auerbach. *Clinics, I, 600, 1942* ... 958

Rupture of the Semilunar Cartilages of the Knee Joint, Osteochondritis Dissecans and Hallux Valgus and Rigidus. The Results of Operative Treatment and the Significance of These Disabilities in the 2nd N.Z.E.F. T. D. M. Stout. *New Zealand Med. J., XLI, 130, 1942* ... 724

Scalenus Anticus Syndrome or Cervical Foraminal Compression? I. William Nachlas. *Southern Med. J., XXXV, 663, 1942* ... 240

Sciatica and the Mechanism of the Production of the Clinical Syndrome in Protrusions of the Lumbar Intervertebral Discs. John E. A. O'Connell. *British J. Surg., XXX, 315, 1943* ... 952

Semilunar Cartilages, The. T. P. McMurray. *British J. Surg., XXIX, 407, 1942.* 228

Short Notes on Rheumatic Arthritis Treated with Milk Iodine. P. K. Das. *Antiseptic, XXXIX, 588, 1942* ... 715

Slow Union of Fractures. With a Study of 804 Fractures of the Shafts of the Tibia and Femur. R. Watson-Jones and W. D. Coltart. *British J. Surg., XXX, 260, 1943.* 951

Sobre las fracturas de la apófisis externa del astrágalo (Fractures of the External Apophysis of the Astragalus). Oscar R. Maróttoli. *Anales de Cir., VIII, 58, 1942.* 225

Solitary Unicameral Bone Cyst with Emphasis on the Roentgen Picture, the Pathologic Appearance and the Pathogenesis. Henry L. Jaffe and Louis Lichtenstein. *Arch. Surg., XLIV, 1004, 1942* ... 227

Stenosing Tendovaginitis at the Radial Styloid (De Quervain's Disease). Philip C. Potter. *Ann. Surg., CXVII, 290, 1943* ... 715

Subluxation of the Ankle. G. F. Pennal. *Canadian Med. Assn. J., XLIX, 92, 1943.* 957

Subtrochanteric Osteotomy in Coxa Vara. Charles W. Peabody. *Arch. Surg., XLVI, 743, 1943* ... 948

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Surgical Consideration of War Casualties. W. H. Bueermann. *Northwest Med., XLII, 67, 1943* ... 725
Surgical Principles Opposed to "Rule-of-Thumb" in the Treatment of Compound Fractures. Clay Ray Murray. *Ann. Surg., CXVIII, 305, 1943* ... 945
Surgical Treatment of Osteomyelitis Due to a Penetrating Wound. George Perkins. *British Med. J., I, 441, 1943* ... 721
Survey of Hodgkin's Disease and Lymphosarcoma in Bone, A. J. O. Vieta, H. L. Friedell, and L. F. Craver. *Radiology, XXXIX, 1, 1942* ... 726
Syndrome of Unilateral Rupture of the Sixth Cervical Intervertebral Disk, The. With Compression of the Seventh Cervical Nerve Root. A Report of Four Cases with Symptoms Simulating Coronary Disease. R. Eustace Semmes and Francis Murphey. *J. Am. Med. Assn., CXXI, 1209, 1943* ... 959
Tendon Transplantation of the Flexor Carpi Ulnaris for Pronation-Flexion Deformity of the Wrist. William T. Green. *Surg. Gynec. Obstet., LXXV, 337, 1942* ... 241
Time of Union in Fractured Tibia. B. H. Burns and R. H. Young. *Lancet, II, 299, 1942* ... 235
Torsion of the Achilles Tendon: Its Surgical Significance. J. Warren White. *Arch. Surg., XLVI, 784, 1943* ... 949
Traction Injuries to the Lateral Popliteal Nerve and Traction Injuries to Peripheral Nerves after Suture. W. Bremner Highet and W. Holmes. *British J. Surg., XXX, 212, 1943* ... 950
Traumatic Transverse Scarring of the Tibialis Anticus Muscle with Functional Block. Harold H. Cohen. *Bull. Hosp. Joint Diseases, III, 100, 1942* ... 957
Traumatismos de la columna vertebral y de la médula por agentes bélicos (Injuries of the Spine and Cord by Agents Encountered in Warfare). Enrique Robiou García. *Revista Mexicana de Cir. Ginec. y Cáncer, X, 27, 1942* ... 729
Traumatologia desportiva e calcificações metatraumáticas paraticulares (Calcification in and around the Joints following Injury Resulting from Sports). A Caio do Amaral. *Revista Med. Municipal, V, 295, 1943* ... 964
Treatment in Cases of Slipped Capital Femoral Epiphysis at the Massachusetts General Hospital. Armin Klein, Robert J. Joplin, and John A. Reidy. *Arch. Surg., XLVI, 681, 1943* ... 947
Treatment of Fractured Clavicle by Traction, A. Fred G. Hodgson. *Southern Med. J., XXXV, 1079, 1942* ... 502
Treatment of the Fractured Great Toe. G. N. Taylor. *British Med. J., I, 724, 1943.* 954
Treatment of Gas Gangrene, The. W. Hugh Smith. *Med. J. Australia, I, 100, 1942.* 501
Treatment of Osteoclastoma. James F. Brailsford. *Lancet, I, 776, 1943* ... 958
Treatment of Slipped Upper Femoral Epiphysis, The. W. K. West. *Southern Med. J., XXXV, 1082, 1942* ... 502
Treatment of Two Hundred Cases of Chronic Arthritis with Electrically Activated Vaporized Sterol—Whittier Process (Ertron), The. R. Garfield Snyder, Willard Haywood Squires, John Wilfrid Forster, Cornelius Horace Traeger, and Lewis Clark Wagner. *Industrial Med., VII, 295, 1942* ... 230
Treatment of War Wounds and Fractures. Ignacio Ponseti and Joseph Puig Guri. *Northwest Med., XLII, 73, 1943* ... 725
Tuberculosis of the Greater Trochanter and Its Bursa. Mark S. Donovan and Merrill C. Sosman. *Am. J. Roentgenol., XLVIII, 719, 1942* ... 496
Tumoral Calcinosis. Alberto Inclán, P. Leon, and M. Gomez Camejo. *J. Am. Med. Assn., CXXI, 490, 1943* ... 722
Über "hohe Spätrupturen" der Sehne des Extensor Pollicis Longus (High Late Rupture of the Tendon of the Extensor Pollicis Longus). Sten von Stapelmohr. *Acta Chir. Scandinavica, LXXXVI, 110, 1942* ... 225
Über Totalexstirpationen der Patella (Total Extirpation of the Patella). Sten Friberg. *Acta Chir. Scandinavica, LXXXV, 361, 1941* ... 494
Use of Irrigation Envelopes in the Treatment of Lacerated Wounds and Compound Fractures, The. G. K. McKee. *British J. Surg., XXX, 328, 1943* ... 952
Use of Kangaroo Tendon for Muscle and Tendon Suture, The. E. R. Trethewie and Eleanor Williams. *Australian and New Zealand J. Surg., XI, 207, 1942* ... 228
Use of Myotomy in the Repair of Divided Flexor Tendons, The. Lester Blum. *Ann. Surg., CXVI, 461, 1942* ... 498
Vitamin C and Repair of Injured Tissues. Geoffrey H. Bourne. *Lancet, II, 661, 1942.* 500
War Medicine and Surgery (Special Number). *Antiseptic, XXXIX, October 1942* ... 716
War Surgery. Wallace H. Cole. *California and Western Med., LVIII, 223, 1943* ... 722
Winged Scapula: Case Occurring in Soldier from Knapsack. Frederic W. Ilfeld and Hall G. Holder. *J. Am. Med. Assn., CXX, 448, 1942* ... 234
Wire Suturing in the Treatment of Facial Fractures. Stuart D. Gordon. *Canadian Med. Assn. J., XLVIII, 406, 1943* ... 958
Zinc Peroxide, Proflavine and Penicillin in Experimental *Cl. Welchii* Infections. James McIntosh and F. R. Selbie. *Lancet, II, 750, 1942* ... 500

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